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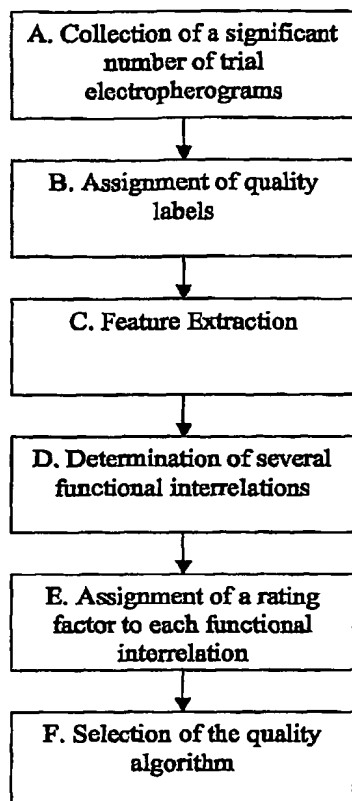
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(54) Title: DETERMINING THE QUALITY OF BIOMOLECULE SAMPLES



(57) Abstract: Disclosed is determining the quality, expressed in terms of a quality value, of an biomolecule sample, based on measured data of the biomolecule sample, by extracting a number of prescribed features from the measured data using data analysis, and determining the quality value from the extracted features using a quality algorithm.

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	AUER H, LYIANARACHCHI S: "Chipping away at the chip bias: RNA degradation in microarray analysis" NATURE GENETICS, vol. 35, no. 4, December 2003 (2003-12), pages 292-293, XP002318708 the whole document	1-28
X	BREWER D: "A Brief Review on Microarrays and all that " INTERNET ARTICLE, 'Online! 3 February 2003 (2003-02-03), XP002318709 Retrieved from the Internet: URL:http://dan.complex.ucl.ac.uk/documents/microarray.pdf> 'retrieved on 2005-02-22! paragraph '0007! ----- ----- -/--	1-28

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DICKMAN B, WATSON J: "Procedure for microsatellite-based genotyping" INTERNET ARTICLE, 'Online! 5 December 2001 (2001-12-05), XP002318710 Retrieved from the Internet: URL:http://cgi.uc.edu/labs/gcf/gcf_protocol.cgi255_2.html> 'retrieved on 2005-02-22! the whole document	1-28
X	PERLIN M W: "An Expert System for Scoring DNA Database Profiles" INTERNET ARTICLE, 'Online! 2000, XP002318711 Retrieved from the Internet: URL:http://www.promega.com/geneticidproc/ussymp11proc/content/perlin.pdf> 'retrieved on 2005-02-22! the whole document	1-28
T	ANONYMOUS: "RNA Integrity Number (RIN) - Standardization of RNA Quality Control" INTERNET ARTICLE, 'Online! 1 May 2004 (2004-05-01), XP002318712 Retrieved from the Internet: URL:http://www.gene-quantification.de/RIN.pdf> 'retrieved on 2005-02-22! the whole document	1-28